ABSTRACT

A compound having the general formula (I):

5

10

15

$$-O_3S$$
 $-----V_1$ $----V_2$

wherein R_1 is a hydrocarbon radical comprising C_1 to C_{10} main chain carbon atoms, wherein hydrogen atoms bonded to the main chain carbon atoms are optionally substituted; R_2 is a hydrocarbon radical comprising 6 to 20 main chain carbon atoms, wherein hydrogen atoms bonded to the main chain carbon atoms are optionally substituted; V_1 is a saturated or unsaturated, monocyclic or bicyclic ring system comprising 5 to 9 ring atoms, wherein at least 2 ring atoms are nitrogen atoms forming the same cyclic moiety; and V_2 is a moiety comprising a carboxyl group and an unsaturated carbon-carbon bond.

[Figure 6A]